

1908.

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# Staines Rural District Council.

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## ANNUAL REPORT

FOR THE YEAR 1908 OF THE

## MEDICAL OFFICER OF HEALTH.

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**C. DWIGHT MORRIS,**

L.R.C.P., M.R.C.S., L.S.A.

Fellow of the Society of Medical Officers of Health.

**Parkside,  
Feltham, Middx.**

March 31st, 1909.

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### REFERENCES AND NOTES

WILLIAMSON, JOHN - BORN 1810 DIED 1881

# Staines Rural District Council.

PARISH.		No. of Houses in Parish.	No. persons per House.	No. occupied in June, 1908.	Estimated Population in June, 1908.
ASHFORD	...	1321	5·5	1141	6275
West London Schools	...	—	—	P 750	750
Welsh Schools	...	—	—	P 180	180
St. Joseph's Home	...	—	—	P 111	111
Rowland Hill Alms Houses	...	—	—	P 23	23
Vaughan's	" "	—	—	P 8	8
BEDFONT	...	510	4·6	496	2281
St. Anthony's Home	...	—	—	P 188	188
CRANFORD	...	137	4·1	133	545
HANWORTH	...	497	4·8	445	2136
HARLINGTON	...	498	4·8	454	2179
HARMONDSWORTH	...	460	4·6	460	2116
LALEHAM	...	126	4·9	120	588
Buckland's School	...	—	—	P 39	39
LITTLETON	...	80	4·9	70	343
SHEPPERTON	...	574	4·4	550	2420
STANWELL	...	439	5·4	436	2354
Union Workhouse	...	—	—	P 268	268
		4642		4305	2622

MR. CHAIRMAN AND GENTLEMEN,—

I beg to present my Annual Report for the year 1908.

The total number of Births registered during the year was 601, which gives a birth rate of 26.3, on an estimated population of 22,804.

The number of Deaths registered during the same period was 319, which gives a death rate of 13.9.

Substracting 27 non-residents who died in public institutions in the district, and adding 10 who died away, but belonging to the district, gives a corrected death rate of 13.2.

The Infant Mortality Rate works out at 136.4, and the Zymotic Death Rate at 1.2.

The number of inquests held being 15, the uncertified deaths 3, and the illegitimate children born was 31.

In comparison the birth rate for England and Wales for 1908 was 26.5, and the death rate 14.7, so as far as average goes, the birth rate is much the same and the death rate slightly better.

The high rate of infant mortality is much to be regretted, as 82 out of a total of 601 births did not survive one year, 13 of which were returned as premature. The infant mortality in 1907 being 97.5, climatic conditions and want of natural nursing are the chief causes of infantile mortality.

On the other hand there were 111 persons who died from 65 and upwards, the extreme limit being 96 years, of which there were two at this age.

Tuberculosis accounted for 21 deaths, and Cancer a like number. Heart disease caused 29 deaths, and Accidents 9. Chest complaints 53 and Alcohol 2. Epidemic Influenza 4, Diphteria 5, Scarlet Fever 3, and Whooping Cough 3. Diarrhoea 13 and Enteritis 9, Puerperal Fever 2.

There is no hospital in the district, and serious cases have to be either carted to London, by road generally, or sent to the Richmond or Hounslow Cottage Hospitals.

With regard to Tuberculosis, curiously enough, the same number died this year as in 1907, viz. 21.

There can be no question that valuable aid could be given to poor patients suffering from Tuberculosis. The promised memorandum of the chief medical officer of the L.G.B., Dr. Newsholme, has just been issued, and I trust you may see the necessity of taking action of some sort, even in a modified way, to help stamp out this white plague. Voluntary notification need not be made public, and when sufferers realize this, we may progress on the right lines. Medical men will not notify, without the sanction of their patients, if they do, a breach of confidence is at once established, which might carry with it unpleasant consequences.

I hope, with your sanction, to issue a leaflet, which can be distributed first to those cases notified by the District Medical Officers, under the New Poor Law Order, of the L.G.B. Further arrangements must await your decision.

Births and Deaths recorded in each Parish were as follows :—

PARISH.	BIRTHS.			DEATHS.
	Boys.	Girls.	Total.	
Ashford	66	76	142	66
Hanworth	28	29	57	29
Littleton	8	4	12	5
Laleham	7	3	10	3
Shepperton	25	31	56	24
Bedfont	37	32	69	38
Cranford	19	9	28	12
Harlington	38	35	73	27
Harmondsworth	41	33	74	42
Stanwell	24	35	59	17
Workhouse	13	8	21	56
TOTALS	306	295	601	319

Births and Deaths recorded during each month of the year. No. 1 District comprising Parishes of Ashford, Hanworth, Littleton, Laleham and Shepperton.

	BIRTHS.	DEATHS.
January	19	8
February	23	9
March	17	9
April	28	7
May	29	13
June	23	6
July	17	8
August	33	14
September	31	11
October	20	13
November	22	13
December	15	16
TOTAL BIRTHS	277	TOTAL DEATHS 127

Births and Deaths recorded during each month of the year. No. 2 District comprising Parishes of Bedfont, Cranford, Harlington, Harmondsworth, Stanwell and Workhouse.

	BIRTHS.	DEATHS.
January	19	11
February	38	21
March	23	17
April	33	16
May	34	18
June	25	11
July	21	15
August	40	19
September	29	17
October	31	15
November	21	18
December	10	14
TOTAL BIRTHS	324	TOTAL DEATHS 192

## ***Infectious Disease.***

During the year 150 cases were notified. Scarlet Fever, 84, Diphtheria, 42, Erysipelas, 15, Puerperal Fever, 7, Enteric Fever, 2. Total 150.

There were 30 cases notified from St. Antony's Home, Bedfont, of a mild type of Scarlet Fever, in fact some of the cases were so mild, in the surrounding parishes, that they were not discovered, until the peeling stage had set in. The parish of Bedfont suffered the most in this respect, inasmuch there were 68 cases, including those from St. Antony's Home.

The distribution of the 150 cases were as follows:—

	Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Puerperal Fever.
Ashford	11	3	6	0	1
Hanworth	1	2	0	1	0
Littleton	0	0	0	0	0
Laleham	0	0	0	0	0
Shepperton	0	0	0	0	3
Bedfont	16	4	68	0	0
Cranford	1	0	1	0	0
Harlington	2	0	1	0	0
Harmondsworth	6	1	4	0	1
Stanwell	5	0	4	0	1
Workhouse Infirmary	0	5	0	1	1

With reference to the Diphtheria cases, the small out-break at Bedfont was checked by closing the Infant Department of the Elementary Schools and a thorough examination of the Children on their reassembling which was carried out by the County Medical Officer and myself. There was no epidemic of Diphtheria in Ashford, the cases cropping up at different periods of the year.

I regret to report 7 cases of Puerperal Fever, and although 3 of them were connected with a particular Midwife, who has since resigned her work, neither the County Medical Officer or I could fix any real blame to her in the matter, anyhow she was suspended by the County Medical Officer, and all things disinfected by your authority, to my order.

Two of the seven cases proved fatal.

Epidemics of Measles have occurred during the year in Ashford, Bedfont, Shepperton, and Hanworth. The Infant Departments of the various Schools were closed for short periods, by the Local Committees on the advice of the County Medical Officer. Measles appear to have visited a good many parts of the County during the year, so we have not been particular in this respect.

As a matter of interest out of the total of 150 Notifiable Infectious Diseases, only 28 occurred in the No. 1 or South half of the district, all the remainder occurred in No. 2 or North half of the district.

Littleton and Laleham are the two parishes which escaped Notifiable Infectious Disease, and Shepperton was also free with the exception of the three cases of Puerperal Fever, and excluding Bedfont and Ashford, the remaining parishes have enjoyed fair immunity from Notifiable Infectious Disease.

## **Infectious Diseases Hospital Accommodation.**

At the present time we have no provision for Small Pox. The building erected for that purpose, has reverted to the Board of Guardians, who have converted the same into a Children's Home.

Invitations have been made by the Middlesex Joint Small Pox Hospital Committee to join them, but so far you have not been informed of the particular terms they are prepared to take you in, for constituted at present, it comprises all Urban Districts. Something definite should be decided in this direction, as Vaccination in your district is rapidly being ignored, and a very susceptible population growing up, who will cause a terrible anxiety in the future. These two matters should have your earnest and early consideration.

The order issued by the Middlesex County Council, as the result of the enquiry held in July last, under the Isolation Hospitals Acts of 1893-1901 has only just come to hand, which calls for the united authorities of districts forming the Staines Union to combine, and make the necessary provision for General Infectious Diseases. There should now be no difficulty in getting to work, forming a Committee, in conjunction with the other districts interested, so that the work may be pushed forward at once. This matter is, I understand, receiving your earnest consideration.

## **Water Supply.**

During the year the Water Companies mains have been extended in the parishes of Shepperton and Stanwell. The difficulty of getting a supply for the Poyle region of the latter parish, has at last been overcome. This particular area now belongs to the Slough Water Company, and comes into Poyle via Colnbrook. We have just been notified that the mains are now complete, and the guarantee of 10 per cent. on the outlay commences at once. Many parts of the districts have still a lot of wells, many of which are out of the way of the ordinary mains, and are constantly being examined and cleaned out. There has been but very few areas complaining of scarcity of supply from these sources. Many are contaminated by the carelessness of the users, where dip buckets are used, not sufficient care being taken of the cleanliness of the same. Many again would be improved by rendering them up, four or five feet from the surface, or even more if possible, so as to prevent the possible contamination from the surrounding area, which is always likely to take place during heavy rains or the careless throwing down of slops, etc.

Owing to a combination of the various districts supplied by the South West Suburban Water Co., a distinct and definite understanding has now been arrived at as to rating and price per meter measure. An opportunity arose, which Councils took advantage of, and great credit is due to those delegates who acted on behalf of their various Councils, in arriving at so satisfactory a conclusion.

## **Drainage Works.**

The only area which you have contemplated new works of this character has been at Sipson, and for some considerable time you have had plans completed ready for the application of the required loan, all except the outfall site. This matter has, I understand from the Surveyor, been delayed owing to the uncertainty of the area of land required for treatment, as the quality of sewage is of so difficult a character to treat, owing to the persistence of a large Pig Keeper and Breeder claiming the right to discharge the sewerage from his farm into the main sewer, which concentrates it to such an extent that the difficulties at the outfall site would be manifestly increased. Professor Kenwood, of University College, has made a series of analyses of this sewerage, taken at different points of the existing sewer. That below the effluent of the farm, contains an enormous excess of solids, and a large proportion of Albuminoid Ammonia. As the matter is under active negotiation between the Solicitors for both parties, I am not in a position to say more, except that the existing nuisance is a standing disgrace, not to say danger to health.

The Inspectors of the Thames Conservancy have been very active through the district, at the same time I think that a little more reasonable discretion should be shown, when they take samples for analysis. This is essentially an agricultural district, and drains and ditches will show contamination at times, however careful we may be. I don't for one moment doubt the good faith of the men employed, at the same time in areas, so far removed from the main stream, although embraced within the special act, should in my opinion have a little more latitude given them instead of trying to force upon them drainage schemes, which they can ill afford, for the benefit of the London water supply, and get absolutely nothing in return.

A very good piece of work was carried out at Hanworth by your Surveyor, by relaying a new surface drain from the end of St. George's Road to the open ditch at the corner of Hanworth Park. It should prevent the flooding of a large populated area of the parish during heavy rain storms, and at the same improve the health of the inhabitants.

## **Moveable Caravans and Dwellings.**

A site on Ashford Common had for some time been a source of anxiety, owing to Caravan people occupying certain Sheds on plots of land in the Stavely Road. That these huts were frequently overcrowded goes without saying, and it was difficult to fix them. However by visiting them at all sorts of hours, we managed to make a definite case. They resented of course, but we had them for overcrowding and insufficient sanitary accommodation. The case was taken into Court, and Photographs were taken and put in as evidence. An order was made prohibiting the use of them for human habitations.

## **Dairies and Cowsheds.**

These are visited regularly, and the Registers posted up-to-date. During the month of April, I had a census taken of Cows by the Inspectors, with the result that there were 839, spread over the district, and at that period, some 574 were giving milk. Although I have advised it, you have not yet appointed a Veterinary Inspector to periodically examine them, in order to eliminate any that show signs of Tuberculosis.

### ***Special Reports.***

In February I submitted a Special Report *re* the Poyle Water Supply, in the Parish of Stanwell. The Water now being laid on from the main, will, I hope, shortly be taken advantage of by the Residents in that area.

In March I submitted another Special Report concerning the Ramie Wool and Flock Mills, situated at Poyle, Stanwell, copies of both Reports were sent to the L.G.B. and M.C.C.

### ***Bye Laws and Regulations.***

In July, you considered the necessity of adopting Bye Laws *re* Slaughter Houses, a Committee was chosen, and at the present time they have duly received the assent of the L.G.B.

The Public Health Acts Amendment Act, 1907, is at the present time being considered by you, and both the Surveyor and I have advised you adopting certain Sections, which, in our opinion, will help in the interest of the Public Health and progress generally.

### ***New Buildings and Development.***

During the year, some 94 new houses were erected throughout the district. In the Parish of Laleham, a new Club House, in Harlington, a new Village Hall, while at Ashford, the new Elementary Schools, in the West District Road, form an imposing group of Buildings. I believe a definite site has been settled upon to erect a Secondary School. The Parish of Ashford is the only parish in the district that has a General Rate for Cesspool emptying, and they have now just commenced, an earth closet collection.

At Ashford Common, a terrace of 11 houses known as Spelthorne Grove, has caused a lot of trouble. They were closed under order, and an attempt has been made to renovate them, and following, an application was made to the local Bench to raise the order. Notwithstanding the specified requirements laid down clearly by you, they have not so far fulfilled what is requisite to make them sanitary, and fit for human habitation.

Of the New Buildings that have been constructed, the majority have been confined to the Parishes of Ashford and Shepperton, very little taking place in the North half of the district, and that mostly at the Bushey Estate in the Harlington Parish, close to Hayes Station.

Ashford Churchyard being a very small area, and space getting limited, the Parish Council have formed a Committee, and provided itself with a New Cemetery on the London Road, Stanwell, just outside the North Boundary of the Parish. Every attempt was made to obtain suitable land within the Parish, but without success. The Site chosen, from trial holes made, appears very suitable for the purpose.

## **New Arrangements as to Sanitary Administration.**

Although the two Sanitary Inspectors were only appointed in March last, and the area divided into two parts, No. 1 and No. 2 districts, their work deserves commendation. I am daily in touch with them, and each reports alternately to you. The house to house inspection, which was so insisted upon by the Report of the L.G.B. Inspector, Dr. Manby, is being carried out by them to my entire satisfaction. Where defects are found I visit and see for myself the necessity for the same, before the matter is reported to you. These are generally carried out without going to the extent of a Statutory Notice, it being generally agreed to, on a Preliminary Notice. Occasionally some give trouble, and when cases have been taken before the Local Bench, orders have been invariably made. The two Inspectors have made in House to House Inspection alone 1,546 surveys, and altogether 4,087 Inspections, and this during the 9 months, together with those made by Mr. Manning, the Surveyor, when acting Sanitary Inspector, temporarily. We are, I am happy to say, progressing on lines which might have been carried out years ago, and I feel sure we shall soon reap the benefit, from a health point of view, of the careful detail work as carried out by our New Inspectors. Mr. Garwood and Mr. Rowden.

## **Bacteriological Analysis.**

This has been taken advantage of during the year, particularly in suspected cases of Diphtheria, and amongst those cases too poor to pay for it. The county authorities empower their officers to go to this expense amongst those actually in attendance in Elementary Schools. It is one of the wisest precautions to have at least, two separate swab examinations, of all those persons or children recently suffering from Diphtheria, before they should be declared free from infection, or allowed to return to school. Fortunately, we have not had occasion to examine many, but when we do, the parent's consent is always taken first.

## **Dust Collection.**

Although you have considered the matter again on several occasions, the plebiscite taken of those Councils not yet provided in this respect, caused you to postpone this matter again. So far the Sanitary Inspectors deal with the accumulations when found under the 91st Section, P.H.A.

In conclusion, I have to thank Mr. Hutchinson and his staff, the Surveyor, Mr. Manning, and his staff, both the Sanitary Inspectors, Mr. Garwood and Mr. Rowden, for their valuable co-operation in connection with my work, and you, Mr. Chairman and Gentlemen, for the just treatment you have always afforded your Officers.

I have the honor to remain,

Your obedient Servant,

C. DWIGHT MORRIS,

L.R.C.P., M.R.C.S., L.S.A.,

Fellow of the Society of Medical Officers of Health.

"Parkside," Feltham, Middx.

March 30th, 1909.

**TABLE I.**

**Vital Statistics of Whole District during 1908 and previous years.**

**STAINES RURAL DISTRICT.**

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.				
				Under 1 Year of Age.		At all Ages.									
		Number.	Rate*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*			
1	2	3	4	5	6	7	8	9	10	11	12	13			
1898	19541	570	29·1	77	135	299	15·3	39	—	—	299	15·3			
1899	19796	508	30·7	77	126·6	332	16·7	51	—	—	332	16·7			
1900	20095	659	32·7	104	137·8	360	17·9	72	—	—	360	17·9			
1901	22629	694	30·6	100	144	312	13·7	44	—	—	312	13·7			
1902	23000	662	28·7	83	125·3	339	14·7	57	—	—	339	14·7			
1903	23500	742	31·5	99	130·3	347	14·7	51	—	—	347	14·7			
1904	17620	529	30·0	87	164·4	313	17·8	70	—	—	320	17·8			
1905	19919	574	28·8	60	104·5	238	11·9	44	—	—	249	12·5			
1906	21824	525	24·0	59	112·3	275	12·6	43	23	13	265	12·1			
1907	23000	606	26·3	59	97·5	256	10·6	49	23	17	250	10·8			
Averages for years 1898-1907		—	—	—	—	—	—	—	—	—	—	—			
1908	22804	601	26·3	82	136·4	319	13·9	65	27	10	302	13·2			

Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water)—18035.

Total population at all ages.....18095  
 Number of inhabited houses.....3656  
 Average number of persons per house.....4·9

At Census of 1901,

**TABLE III.**

Cases of Infectious Disease notified during the Year 1908.

**STAINES RURAL DISTRICT.**

NOTIFIABLE DISEASE.	At all Ages.	CASES NOTIFIED IN WHOLE DISTRICT.					
		At Ages—Years.					
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.
Small-pox	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...
Diphtheria (including Membranous croup)	42	...	11	28	3	...	...
Erysipelas	15	...	...	2	...	6	7
Scarlet fever	84	1	11	61	9	2	...
Typhus fever	...	...	...	...	...	...	...
Enteric fever	2	...	...	1	...	1	...
Relapsing fever	...	...	...	...	...	...	...
Continued fever	...	...	...	...	...	...	...
Puerperal fever	7	...	...	...	4	3	...
Plague	...	...	...	...	...	...	...
<b>Totals</b>	...	150	1	22	92	16	12
							7

ISOLATION HOSPITAL—NONE.

**TABLE IV.**  
**Causes of, and Ages at, Death during year 1908.**  
**STAINES RURAL DISTRICT.**

Causes of Death. 1	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the district.								Total Deaths whether of "Residents" or "Non- Residents" in Public Institutions in the District. 9
	All Ages. 2	Under 1 year. 3	1 and under 5. 4	5 and under 15. 5	15 and under 25. 6	25 and under 65. 7	65 and upwards. 8		
Scarlet Fever ...	3	...	2	1	...	...	...	...	...
Whooping-cough ...	3	1	2	...	...	...	...	...	...
Diphtheria (including membranous croup) ...	5	...	2	3	...	...	...	...	...
Enteric Fever ...	1	...	...	1	...	...	...	...	...
Epidemic influenza ...	4	...	...	...	...	...	...	4	...
Diarrhoea ...	13	11	2	...	...	...	...	...	...
Enteritis ...	9	4	3	...	...	1	1	...	...
Puerperal Fever ...	2	...	...	...	2	...	...	...	...
Phthisis, (Pulmonary Tuberculosis)	12	...	...	1	1	10	...	...	...
Other tubercular diseases ...	7	3	2	1	...	1	...	...	...
Cancer, malignant disease ...	22	...	...	...	...	12	10	...	...
Bronchitis ...	29	8	2	...	...	8	11	...	...
Pneumonia ...	19	5	5	...	...	7	2	...	...
Pleurisy ...	1	...	...	...	...	...	1	...	...
Alcoholism, Cirrhosis of liver	2	...	...	...	...	1	1	...	...
Premature birth ...	12	12	...	...	...	...	...	...	...
Diseases and accidents of partuition ...	...	...	...	...	...	...	...	...	...
Heart diseases ...	26	...	...	2	1	9	14	...	...
Accidents ...	8	...	2	...	1	2	3	...	...
Suicides ...	3	...	...	...	...	3	...	...	...
Want of Breast Milk	9	9	...	...	...	...	...	...	...
Congenital Defects	6	6	...	...	...	...	...	...	...
Marasmus ...	6	6	...	...	...	...	...	...	...
Gastritis ...	1	1	...	...	...	...	...	...	...
Convulsions ...	3	3	...	...	...	...	...	...	...
Suffocation, overlaying ...	1	1	...	...	...	...	...	...	...
All other causes ...	94	11	7	1	...	23	52	...	...
All causes ...	302	81	29	10	5	78	99	...	...

TABLE V.

**INFANTILE MORTALITY DURING THE YEAR 1908.** Deaths from stated Causes in Weeks and Months under One Year of Age.

**STAINES RURAL DISTRICT.**

Cause of Death.	Under 1 Week.		1-2 Weeks.		2-3 Weeks.		3-4 Weeks.		Total under 1 Month.		1-2 Months.		2-3 Months.		3-4 Months.		4-5 Months.		5-6 Months.		6-7 Months.		7-8 Months.		8-9 Months.		9-10 Months.		10-11 Months.		Total Deaths under One Year.				
Whooping-cough	...																																		1
Diarrhoea, all forms	...	...	...																																11
Enteritis, Musco-enteritis,	...	...	...																																4
Gastritis, Gastro-enteritis	...	...	...																																13
Gastritis, Gastro-intestinal	...	...	...																																6
Catarrh ...	...	...	...																																1
Premature birth	10	...	3																																17
Congenital defects	3	1	...																																3
Want of Breast-milk,	...	...	...																																4
Starvation	...	...	...																																24
Atrophy, Debility,	...	...	...																																9
Marasmus	1	...	1																																6
Other tuberculous diseases	...	...	...																																5
Convulsions	1	...	1																																3
Bronchitis	...	...	...																																8
Pneumonia	...	...	...																																5
Suffocation, overlying	...	3	1	...																															1
Other causes	...	3	1	...																															9
	17	3	4	...																															82

Births in the year, legitimate 601, illegitimate 31. Deaths in the year, legitimate infants 76, illegitimate infants 6. Deaths from all causes at all ages 319.

Population, estimated to middle of 1908, 22804.

# STAINES RURAL DISTRICT.

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## SANITARY WORK, 1908.

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### INSPECTIONS—

			No. 1 District.	No. 2 District.
Number of premises inspected on complaint	...	...	39	48
Number of premises inspected in connection with Infectious Diseases	...	..	19	5
Number of premises under Periodical Inspection	...	...	596	50
Houses inspected from house to house	...	...	815	731
Total number of Inspections and Re-inspections made	...	...	2743	1344

### NOTICES—

Cautionary or Intimation Notices given...	...	...	134	134
Statutory Orders issued	...	...	32	27
Summons served	...	...	3	0
Convictions obtained...	...	...	3	0

### DWELLING HOUSES—

Houses, Premises, &c., Cleansed, Repaired, &c.	...	...	94	153
Closed as unfit for habitation. (a) <i>As result of action under H.W.C. Acts.</i> (b) <i>Otherwise.</i>	...	...	(a) 3 (b) 2	0
Demolished	...	...	2	0

### MOVABLE DWELLINGS, CARAVANS, TENTS, &c.—

Number observed during the year	...	...	...	5	0
Number removed from district	...	...	...	5	0

### BAKEHOUSES—

Number in district	...	...	...	8	11
Contraventions of Factory Acts	...	...	...	4	1

### SLAUGHTER-HOUSES—

Number of Inspections made and frequency of inspection	...	14	14
Bye-Laws quite recently adopted.			

***Sanitary Work—continued.*****COW-SHEDS—**

Number on Register	...	...	...	...	12	21
Number of Inspections made and frequency of inspection	...				47	34
Number of Milch Cows in district	...	...	...	...	257	about 445

**DAIRIES AND MILKSHOPS—**

Number on Register	...	...	...	...	11	25
Number of Inspections made and frequency of Inspection	...				59	34
Contraventions of Regulations	•	...	...	...	0	1

**OFFENSIVE TRADES—**

Number of Premises in district	...	...	...	...	2	0
Number of inspections made	...	...	...	...	12	0

**WATER SUPPLY AND WATER SERVICE—**

WELLS—New Sunk	...	...	...	...	8	0
Cleansed, Repaired, &c.	...	...	...	...	9	4
Closed as Polluted	..	...	...	...	8	0
Percentage of Houses supplied from Public Water Service					75%	75%
CISTERNS—New Provided	...	...	...	...	2	0
Cleansed, Repaired, Covered, &c.	...	...	...	...	11	8
Draw-Taps placed on Mains	...	...	...	...	22	1
Percentage of Houses supplied on Constant System	...				all	all
Number of samples obtained for analysis. (a) from Local Wells (b) from Public Supply.	...	...	...	...	(a) 38	(a) 50
					(b) 4	(b) 3

**WATER CLOSETS—**

Number of Water Closets substituted for Dry Receptacles	...	1	0
Repaired, supplied with Water, or otherwise improved	...	174	*106

\*This includes Water Closets supplied with water, also Earth Closets provided with new pails, or otherwise repaired, and also privies reconstructed. Earth Closets and privies are included under the heading "Water Closets." Urinals improved and repaired, 4.

House Refuse such as ashes, etc., is generally buried in the gardens of the cottages by the tenants.

Percentage of Houses provided with Water Closets	...	50%	20%
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## ***Sanitary Work—continued.***

### DRAINAGE AND SEWAGE OF EXISTING BUILDINGS—

DRAINS—Tested, &c.	...	...	...	...	3	12
Unstopped, Repaired, Trapped, &c.	...	...	...	185	52	
Waste Pipes, Rain Water Pipes disconnected, Repaired, &c.	...	...	...	17	80	
New Soil Pipes or Ventilating Shafts fixed	...	...	116	31		
Existing Soil Pipes or Ventilating Shafts repaired	...	11	13			
Disconnecting Traps, or Chambers Inserted	...	57	12			
Reconstructed	...	...	42	12		

CESSPOOLS—Rendered Impervious, Emptied, Cleansed, &c.	118	53
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Percentage of Houses draining into Sewers— Only two Parishes have Sewers, viz., Cranford and Part of Harmondsworth.

### DISINFECTION—

Rooms Disinfected. (a) Ordinary Infectious Disease (b) Phthisis.	...	...	...	...	(a) 18	(b) 8	(a) 62	(b) 8
Rooms Stripped and Cleansed	...	...	...	...	16	50		
Articles Disinfected or Destroyed. (a) Ordinary Infectious Disease (b) Phthisis	...	...	...	...	0	(a) 1		

### DUST—

New Bins provided	...	...	...	...	...	16	2
How frequently is dust removed from each house?—Collection in Ashford and Hanworth only	...	...	...	...	...	Weekly	
No dust collection carried out in No. 2 District by Local Authority.							

### SUNDRY NUISANCES ABATED—

Overcrowding	...	...	...	...	...	11	1
Accumulations of Refuse	...	...	...	...	...	25	14
Foul Ditches, Ponds, &c., and Stagnant Water	...	...	...	...	...	2	8
Foul Pigs and other Animals	...	...	...	...	...	11	4
Dampness	...	...	...	...	...	18	13
Yards Repaved and Repaired	...	...	...	...	...	1	30
Other Nuisances	...	...	...	...	...	12	0

Several nuisances have been abated with regard to Pig-keeping.

**DISTRICT NO. 1.**


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# Resume of Work for Year ending December, 1908.

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**ASHFORD.**

Number of Premises Inspected, House to House, as per Local  
Government Board recommendation      ...      ...      371

**DWELLING HOUSES —**

Interiors Cleansed	...	...	...	9
Overcrowding abated	...	...	...	5
Closed as Unfit for Habitation	...	...	...	5
Damp Proof Courses put in	...	...	...	2
Floors, Roofs, Guttering repaired	...	...	...	14
Demolished	...	...	...	2

**DRAINAGE AND SEWERAGE —**

WATER CLOSETS—Removed	...	...	...	3
DRAINS—Totally Reconstructed	...	...	...	4
Partly Reconstructed, Ventilated, etc.	...	...	...	89
Trapped and Repaired	...	...	...	30
Long Hopper, and other defective w.c. pans Removed	...	...	...	37
Cleansed and Unstopped	...	...	...	19
CESSPOOLS—Reconstructed	...	...	...	4
Cleansed	...	...	...	26
EARTH CLOSETS—Constructed	...	...	...	10
Repaired, Cleansed	...	...	...	3
PRIVIES—Removed	...	...	...	9
Repaired, Ventilated, etc.	...	...	...	24

**WATER SUPPLY AND WATER SERVICE —**

Abyssinian Tubes Driven	...	...	...	5
Wells Cleansed	...	...	...	1
Cisterns Repaired	...	...	...	2

***Sanitary Work—continued.******Hanworth.***

Number of Premises Inspected. House to House, as per Local Government Board recommendation	...	...	304
<b>DWELLING HOUSES—</b>			
Interiors Cleansed ...	...	...	18
Overcrowding abated	...	...	2
Damp Proof Courses put in	...	...	11
Floors, Roofs, Guttering Repaired	...	...	31
<b>DRAINAGE AND SEWERAGE—</b>			
DRAINS—Totally Reconstructed	...	...	25
Partly Reconstructed, Ventilated, etc.	...	...	30
Trapped and Repaired	...	...	9
Long Hopper and other defective w.c. pans removed	...	...	12
Cleansed and Unstopped	...	...	38
CESSPOOLS —Reconstructed	...	...	23
Cleansed	...	...	38
EARTH CLOSETS—Constructed	...	...	6
Repaired, Cleansed	...	...	16
PRIVIES—Removed ...	...	...	10
Reconstructed	...	...	3
Repaired, Ventilated, Cleansed, etc.	...	...	42
URINALS—Repaired and Improved	...	...	2
Supplied with Water	...	...	1
<b>WATER SUPPLY AND WATER SERVICE—</b>			
Company's Water laid on to Houses	...	...	20
Cisterns repaired	...	...	7
Wells closed	...	...	4
Wells cleansed	...	...	4
Abyssinian Pumps driven	...	...	1

***SHEPPERTON.***

Number of Premises Inspected, House to House, as per Local Government Board recommendation	...	...	66
<b>DWELLING HOUSES—</b>			
Overcrowding abated	...	...	2
Floors, Roofs, Guttering repaired	...	...	4

## ***Sanitary Work—continued.***

### DRAINAGE AND SEWERAGE—

WATER CLOSETS—Supplied with Water	...	...	2
DRAINS—Totally reconstructed	...	...	2
Partly Reconstructed, Ventilated, etc.	...	...	13
Trapped and Repaired	...	...	6
Long Hopper w.c. pans removed	...	...	1
Cleansed and Unstopped	...	...	2
CESSPOOLS—Totally Reconstructed	...	...	3
PRIVIES—Repaired, Ventilated, Cleansed, etc.	...	...	31
URINALS—Repaired and Improved	...	...	1

### WATER SUPPLY AND WATER SERVICE—

Houses supplied with Company's Water	...	...	2
Wells closed	...	...	2
Wells cleansed	...	...	2
Cisterns repaired	...	...	2

## ***LALEHAM.***

Number of Premises Inspected, House to House, as per Local Government Board recommendation	...	...	33
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### DWELLING HOUSES—

Interiors Cleansed	...	...	2
Damp Proof Courses put in	...	...	5
Floors, Roofs, Guttering repaired	...	...	13

### DRAINAGE AND SEWERAGE—

WATER CLOSETS—Substituted for Dry Earth Receptacle	...	...	1
DRAINS—Totally Reconstructed	...	...	1
Partly Reconstructed, Ventilated, etc.	...	...	3
Trapped and Repaired	...	...	2
EARTH CLOSETS—Constructed	...	...	2
Repaired, Cleansed	...	...	8
PRIVIES—Removed	...	...	3
Reconstructed	...	...	1
Repaired, Ventilated	...	...	1
URINALS—Repaired	...	...	1

### WATER SUPPLY AND WATER SERVICE—

Wells cleansed	...	...	2
Wells closed	...	...	1
Abyssinian Tubes driven	...	...	1

## ***LITTLETON.***

Number of Premises Inspected, House to House, as per Local Government Board recommendation	...	...	41
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### DWELLING HOUSES—

Interiors cleansed	...	...	3
Overcrowding abated	...	...	2

## ***Sanitary Work—continued.***

### DRAINAGE AND SEWERAGE—

DRAINS—Totally Reconstructed	...	...	...	10
Partly Reconstructed, Ventilated, etc.	...	...	...	6
Long Hopper w.c. pans removed	...	...	...	1
Trapped and Repaired	...	...	...	2
Cleansed and Unstopped	...	...	...	14
CESSPOOLS—Reconstructed	...	...	...	10
Cleansed	...	...	...	14

### WATER SUPPLY AND WATER SERVICE—

Wells closed	...	...	...	1
Abyssinian Tubes driven	...	...	...	1

## **SUMMARY.**

### INSPECTIONS—

Number of Premises Inspected, from House to House	...	...	815
Number of Premises Inspected under complaint	...	...	39
Number of Premises Inspected in connection with Infectious Diseases	...	...	19
Number of Premises under periodical inspection	...	...	596
Total number of inspections and re-inspections made	...	...	2743

### NOTICES—

Statutory Notices served	...	...	...	32
Preliminary	..	..	..	134
Summons	...	...	...	3
Convictions obtained	...	...	..	3

### DWELLING HOUSES—

Interiors cleansed	...	...	...	32
Overcrowding abated	...	...	...	11
Closed as Unfit for Habitation	...	..	..	5
Damp Proof Courses put in	..	..	..	18
Floors, Roofs, Guttering repaired	...	...	..	62
Demolished	...	...	..	2

### DRAINAGE AND SEWERAGE—

WATER CLOSETS—Removed	...	...	...	3
Supplied with water	...	...	...	2
Substituted for Dry Earth receptacles	...	...	...	1
DRAINS—Totally Reconstructed	...	...	...	42
Partly Reconstructed, Ventilated, etc.	...	...	...	141
Trapped and repaired	..	..	..	49
Long Hopper and other defective w.c. pans removed	...	...	...	51
Cleansed and Unstopped	...	...	...	73

### ***Sanitary Work—continued.***

<b>CESSPOOLS</b> —Reconstructed	...	...	...	40
Cleansed	...	...	...	78
<b>EARTH CLOSETS</b> —Constructed	...	...	...	18
Repaired, Cleansed	...	...	...	27
<b>PRIVIES</b> —Removed	...	...	...	22
Reconstructed	...	...	...	4
Repaired, Cleansed, Ventilated, etc.	...	...	...	98
<b>URINALS</b> —Repaired and Improved	...	...	...	4
Supplied with water	...	...	...	1

#### **WATER SUPPLY AND WATER SERVICE—**

Houses supplied with Company's Water	...	...	...	22
Cisterns, etc., repaired	..	...	...	11
Wells closed	...	...	...	8
Wells cleansed	...	...	...	9
Abyssinian Tubes driven	..	...	...	8

#### **OTHER NUISANCES ABATED—**

Accumulations of Refuse removed	...	...	...	25
Pigs and Fowls removed	...	...	...	11
Ditches cleansed	...	...	...	2
Rainwater disconnected from Cesspools	...	...	...	17
Dust Bins provided	...	...	...	16
Miscellaneous	...	...	...	12
Bakehouses Limewashed	...	...	...	4

#### **WORKSHOPS AND WORKPLACES—**

Number in District	...	...	...	19
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#### **LAUNDRIES—**

Number in District	...	...	...	5
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#### **BAKEHOUSES—**

Number in District	...	...	...	8
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#### **MOVEABLE DWELLINGS, CARAVANS, ETC.—**

Number observed in District	...	...	...	5
Number removed from District	...	...	...	5

#### **COWSHEDS—**

Number in District	...	...	...	12
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#### **DAIRIES AND MILKSHOPS—**

Number in District	...	...	...	11
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GEORGE C. GARWOOD,

A.R. San. I.,

Sanitary Inspector.

**DISTRICT No. 2.**


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# Resume of Work for the Year ending December 31st, 1908.

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## **SANITARY WORK.**

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### ***Parish of BEDFORT.***

#### HOUSE-TO-HOUSE INSPECTION—

There have been 302 houses inspected in this Parish during the year.			
Number of Premises inspected on Complaint	...	...	16
Number of Premises inspected in connection with Infectious Disease	...	...	30
Total number of inspections and re-inspections	...	...	562

#### **Summary of Sanitary Improvements effected during the Year.**

Drains relaid or repaired	...	...	15
Ventilating Shafts and Fresh Air Inlets fixed	...	...	34
New Cesspools built	...	...	14
Drains Cleansed	...	...	43
Privies reconstructed and repaired	...	...	45
New Closets built	...	...	3
Wells Cleansed	...	...	3
Pumps provided or repaired	...	...	2
Houses cleansed or repaired	...	...	23
Pig-Keeping abolished	...	...	2
Statutory notices served	...	...	10
Complied with	...	...	6
Preliminary notices served	...	...	50
Complied with	...	...	44

## **Sanitary Work—continued.**

### **Parish of CRANFORD.**

#### **HOUSE-TO-HOUSE INSPECTION—**

The number inspected is	...	...	...	125
Number of Premises inspected on Complaint	..			12
Total number of inspections and re-inspections	...			183

#### **Summary of Sanitary Improvements effected during the Year.**

Drains relaid or repaired	..	...	...	14
Ventilating Shafts fixed	...	...	...	7
Drains cleansed	...	...	...	3
Closets Flushed	..	...	...	11
Closets repaired	...	..	...	8
Yards repaved	...	...	..	8
Refuse removed	..	...	...	4
Houses cleansed and repaired	...	...	...	23
Statutory Notices served	...	...	...	1
Complied with	...	...	...	1
Preliminary Notices served	..	...	...	17
Complied with	...	..	...	16

### **Parish of HARLINGTON.**

#### **HOUSE-TO-HOUSE INSPECTION—**

There have been 20 houses inspected in this parish.

No. of Premises inspected on Complaint	...	...	5
Total number of Inspections and Re-inspections	...		53

#### **Summary of Sanitary Improvements effected during the Year.**

New Cesspools provided	...	...	...	3
New Closets built and re-constructed	...	..	..	3
Houses cleansed and repaired	...	..	...	13
Drains cleared	...	...	...	5
Ventilating Shafts provided and repaired	...			10
Statutory Notices served	...	...	...	5
Complied with	...	...	...	4
Preliminary Notices served	...	..	..	9
Complied with	...	...	...	9

A small plan was prepared for reconstructing the drainage of the house and slaughterhouse at Mr. Gomm's. This work has been carried out satisfactorily.

### ***Sanitary Work—continued.***

#### ***Parish of HARMONSWORTH.***

##### **HOUSE-TO-HOUSE INSPECTION—**

There have been 56 houses inspected during the year.

Number of Premises inspected on Complaint	...	8
Total number of inspections and re-inspections	...	73

#### **Summary of Sanitary Improvements effected during the Year.**

Drains relaid or repaired	...	...	...	6
Closets reconstructed or repaired	...	...	...	15
Ventilating Shafts fixed	...	...	...	3
Houses cleansed and repaired	...	...	...	17
Wells cleansed	...	...	...	1
Statutory Notice served	...	...	...	1
Complied with	...	...	...	1
Preliminary Notices served	...	...	...	13
Complied with	...	...	...	11

#### ***Parish of STANWELL.***

##### **HOUSE-TO-HOUSE INSPECTION—**

228 Houses have been inspected during the year.

Number of Premises inspected on Complaint	...	7
Total number of inspections and re-inspections	...	473

#### **Summary of Sanitary Improvements effected during the Year.**

Drains relaid or repaired	...	...	...	31
Closets reconstructed and repaired	...	...	...	17
Ventilating Shafts fixed	...	...	...	7
Cesspools built	...	...	...	4
Yards repaved or repaired	...	...	...	14
Houses cleansed and repaired	...	...	...	77
Statutory Notices served	...	...	...	10
Complied with	...	...	...	8
Preliminary Notices served	...	...	...	45
Complied with	...	...	...	41

Some of the above work has been carried out at West Bedfont.

**DISTRICT NO. 2.**


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**Sanitary Work summarised that has been carried out  
in the above District.**


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**INSPECTIONS—**

Number of Premises Inspected on Complaint	...	48
Number of Premises Inspected in connection with Infectious Diseases	..	62
Houses Inspected from House to House in compliance with the requirements of the Local Government Board	...	731
Total number of Inspections and Re-inspections made		1344

**NOTICES—**

Cautionary or Preliminary Notices given	...	...	134
Statutory Notices Issued	..	...	27
Letters written	...	...	125

**DWELLING HOUSES—**

Houses, Premises, etc., Cleansed, repaired, etc.	...	153
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**BAKEHOUSES—**

Number on Register	...	11	Inspected periodically
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**COWSHEDS, DAIRIES, AND MILKSHOPS—**

Number on Register	25	Visited some two or three times
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**OFFENSIVE TRADES—**

Number of Premises in District	...	...	5
Number of Inspections made	...	...	30

**WATER SUPPLIES—**

Wells cleansed and repaired	...	...	...	4
Samples taken for Analysis from Wells	...	...	...	40
Pumps repaired	...	...	...	5

### **Sanitary Work—continued.**

#### **WATER CLOSETS, EARTH CLOSETS, AND PRIVIES—**

Repaired, supplied with Water, Reconstructed and otherwise Improved ... ...	102
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#### **DRAINS—**

Examined, Tested, Exposed, etc. ... ...	15
Unstopped, Trapped, etc. ... ...	51
New Soil Pipes or Ventshafts fixed ... ...	54
Reconstructed or repaired ... ...	67

#### **CESSPOOLS—**

Rendered Impervious, Emptied, Cleansed, etc. ...	63
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#### **DISINFECTION—**

Rooms Disinfected ... ...	62
Rooms Stripped and Cleansed ... ...	50
Articles Destroyed ... ...	1

#### **SUNDRY NUISANCES ABATED—**

Accumulation of Refuse ... ...	43
Foul Ditches, etc., ... ...	3
Foul Pigs and other animals ... ...	14
Dampness ... ...	8

### **FACTORY AND WORKSHOP ACT, 1901.**

#### **PREMISES INSPECTIONS—**

Registered Workshops ... ...	...
Inspected periodically.	

